

Calendar

Monday, August 8

3:30 p.m. Director's Coffee Break -
2nd Flr X-Over

4:00 p.m. All Experimenters' Meeting -
Curia II

Special Topic: DZero Silicon Radiation
Damage So Far

Note: Particle Astrophysics Seminars Will
Resume In The Fall

Tuesday, August 9

3:30 p.m. Director's Coffee Break -
2nd Flr X-Over

Note: There will be no accelerator
physics and technology seminar today

Weather



Mostly Sunny **91°/65°**

[Extended Forecast](#)

[Weather at Fermilab](#)

Current Security Status

[Secon Level 3](#)

Wilson Hall Cafe

Monday, August 8

Potato au Gratin

Monte Cristo \$4.85

Savory Roasted Chicken Quarters \$3.75

Lasagna Bolognaise \$3.75

Chicken Ranch Wrapper \$4.75

Assorted Pizza Slices \$3.00

Szechwan Style Pork Lo Mein \$4.85

The Wilson Hall Cafe now accepts Visa,
Master Card, Discover and American
Express at Cash Register #1.

LPC Will Hold Workshop to Discuss First Years of LHC



The article "[LHC Physics: The First One-Two
Year\(s\)](#)" is co-authored by Fabiola Gianotti
(above left, touring CERN with Director Pier
Oddone) and Michelangelo Mangano (photo
below).

Fermilab's LHC Physics Center (LPC) is
sponsoring a mini-workshop about the
turn-on and first years of physics at the
LHC on Thursday, August 11, from 2-5
p.m. The workshop will begin with a
presentation by Michelangelo Mangano of
the CERN theory group, who co-authored
the article "[LHC Physics: The First One-
Two Year\(s\)](#)" with Fabiola Gianotti, the
Deputy Spokesperson of Atlas. Afterward,
CDF Spokesperson Young Kee Kim and
DZero Spokesperson Jerry Blazey will
lead a discussion. The meeting will be
held in the Sunrise Room, on the 11th
floor of Wilson Hall.

"The LHC community and the Tevatron
community have both been thinking about
LHC physics for a while, but in different
ways," explained CDF collaborator and

Safety Tip of the Week

Colon cancer screening



Colorectal cancer is cancer that occurs in
the colon or rectum. Often called *colon
cancer* for short, it is the second leading
cancer killer in the United States. It is
estimated that 56,000 Americans will die
from this disease in 2005.

Colon cancer does not always cause
symptoms, especially during early curable
stages. However, there may be blood in
or on stool, unexplained abdominal
discomfort; a change in bowel habits, or
unexplained weight loss. If you have any
of these symptoms, contact your doctor.
Fortunately, colon cancer is a disease
that is amenable to regular screening. At
least one-third of deaths from colon
cancer could be avoided if everyone 50
years and older had regular screening.

Fermilab's Occupational Medicine
Director, Dr. John Foxen, strongly
encourages employees to get screened
for colon cancer. One simple technique is
the fecal occult blood test that is offered
as part of Fermilab's routine health risk
assessments to employees who are
considered to be at risk. This includes
people 50 years and older, those with
inflammatory bowel disease, and those
with a close relative who has colorectal

[Wilson Hall Cafe Menu](#)

Chez Leon

Wednesday, August 10

Lunch

Thai Beef & Vegetable Salad

Banana Bourbon Cake w/Cream Anglairs

Thursday, August 11

Dinner

Skewered Shrimp w/Prociutto

Steak an Poi vie w/Brandy Cream Sauce

Vegetable of the Season

Lemon Berry Napoleon

[Chez Leon Menu](#)

Call x4512 to make your reservation.

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LPC leader Avi Yagil, who is organizing the workshop with Sarah Eno of the University of Maryland. "We want to get people from the different communities to attend, and take advantage of the opportunity to open a discussion."

"The physics at the LHC will be very different than Tevatron physics because the energy is so much higher. Some things will be much easier due to production rates," said Yagil. "However, commissioning the experiments will still be extremely hard." Yagil said he hopes that Tevatron scientists can use their recent hands-on experience in a similar environment to join the rest of the LHC community in facing the expected challenges of the first years at the new energy frontier.

The workshop is part of LPC's goal to provide a transition between the Tevatron and LHC experiments. "Right now, there is a two directional feedback from two sets of people, and it will be interesting to put these perspectives together," said Yagil.

[Meeting Agenda](#)

—Elizabeth Wade



polyps or cancer. Whether or not they take advantage of the test, employees are encouraged to follow up with an offsite physician. Over the past year these efforts have paid off for at least two Fermilab employees. Their previously undetected colon cancers were diagnosed and treated at an early stage with minimal disturbance to their lives.

If you would like [additional information](#) on this topic, contact your doctor or the Fermilab Medical Department (x3232).

[Safety Tip of the Week Archive](#)

Accelerator Update

August 3 - August 5

- During this 48 hour period Operations established one store that combined with an existing store provided the experiments with approximately 35 hours and 49 minutes of luminosity
- Store 4318 sets Luminosity Record with 129.8E30

[Read the Current Accelerator Update](#)

[Read the Early Bird Report](#)

[View the Tevatron Luminosity Charts](#)

Announcements

Blood Drive a Success

Thanks to all the donors who took part in the blood drive last week! The Fermilab community gave a total of 117 pints in two days.

Power Outages

There will be no power in the High Intensity Lab (HIL) and the TV Group on Wednesday, August 10, from 8:30 a.m. to 4:30 p.m. The power will also be out at Site 50, 52 (Site 52 has a generator), PAB, and the Proton Pole Building on

Michelangelo Mangano, co-author of "LHC Physics: The First One-Two Year(s)," which was first presented at the 2nd Italian Workshop on the Physics of Atlas and CMS in Naples. (Click on image for larger version.)

Photo of the Day



About 200 Technical Division employees gathered in front of the Kuhn barn on Friday afternoon for the Division's annual picnic. Division Head Bob Kephart addressed the group, thanking them for all their hard work. "It's been a great year and the future looks bright," he said. "It's going to be exciting and fun." (Click on image for larger version.)

In the News

From *The New York Times*, August 4, 2005

Pentagon's New Goal: Put Science Into Scripts

By David M. Halbfinger

LOS ANGELES - Tucked away in the Hollywood hills, an elite group of scientists from across the country and from a grab bag of disciplines—rocket science, nanotechnology, genetics, even veterinary medicine—has gathered this week to plot a solution to what officials call one of the nation's most vexing long-term national security problems.

Their work is being financed by the Air Force and the Army, but the Manhattan Project it ain't: the 15 scientists are being taught how to write and sell screenplays.

Saturday, August 13, from 7 a.m. to 12 p.m.

Wilson Hall Interior Window Washing

The cleaning crew will wash the interior windows on the 14th and 15th floors of Wilson Hall today. Please remove any papers that are taped to the windows in your office. Please move any papers or other items on your desk that are near the windows. Contact Enixe Castro (x2798) with questions.

Air Pollution Action Day

Today's conditions are favorable for unhealthy ozone and particulate matter levels. Residents of the Chicago metropolitan area are asked to curb vehicle use, postpone activities that use gasoline powered equipment, conserve energy, and avoid burning wood or yard waste.

Scottish Country Dancing

Scottish Country Dancing will meet Tuesday, Aug. 9, in Ramsey Auditorium in Wilson Hall. Instruction begins at 7:30 p.m. and newcomers are always welcome. Most dances are fully taught and walked through, and you do not need to come with a partner. Dancing will continue in the Auditorium until mid-September, when it will return to Kuhn Barn. Info at 630-840-8194 or 630-584-0825 or folkdance@fnal.gov.

Pool Schedule Changes

Due to a reduction of staff the later part of August, the Fermilab Pool schedule has changed for August and September. You may check the [Recreation Office Home Page](#) to view these changes. The schedule will also be posted at the pool. If you have any questions, contact Jean Guyer (x2548).

At a cost of roughly \$25,000 in Pentagon research grants, the American Film Institute is cramming this eclectic group of midcareer researchers, engineers, chemists and physicists full of pointers on how to find their way in a world that can be a lot lonelier than the loneliest laboratory: the wilderness of story arcs, plot points, pitching and the special circle of hell better known as development.

[Read More](#)

SciTech holds Duck Race

The SciTech Hands-On Museum in downtown Aurora is holding a duck race on the Fox River on Friday, August 19. Sponsor a duck to support SciTech and receive free family admission (up to six people) from 5:00 to 8:00 p.m. and chance to win with \$5 ticket. Event presented in connection with Aurora's "Downtown Alive: Beach Party." For details call SciTech at 630-859-3434.

[More Information](#)

[Upcoming Activities](#)